

## AMENDMENT

### In the Specification:

Please amend the specification as follows:

Beginning on page 10, spanning lines 19-24, please replace with the following paragraph:

**~~FIG. 2A-2D~~ FIG. 2** illustrates  $(TA)_n$  genotype-phenotype relationship in human livers.

(a) correlation in all samples investigated ( $n=83$ ) (b) correlation in Caucasians ( $n=56$ ) (c) correlation in African-Americans ( $n=15$ ) (d) correlation in individuals of Asian ( $n=1$ ), and unknown ( $n=10$ ) ethnicity. Liver microsomes were phenotyped for SN-38 glucuronidation rates in each liver with a single experiment performed in triplicate. Bars show the mean value of SN-38 glucuronidation rates in each group.

Beginning on page 53, spanning lines 7-20, please replace with the following paragraph:

Because of the small number of subjects in the 5/7, 5/6, 6/8 and 7/8 genotypes, only 6/6, 6/7 and 7/7 were used in the ANOVA analysis. The phenotype was significantly different across these three genotypes ( $P = 0.008$ ) (~~FIG. 2a~~) (**FIG. 2**) The degree of variation of the SN-38 glucuronidation rate across the genotypes was similar in different ethnic groups ( $P > 0.1$ ). A significantly decreasing trend was shown across the 6/6, 6/7 and 7/7 genotypes in Caucasians ( $P < 0.001$ , JT test, ~~FIG. 2b~~) (**FIG. 2**) and across the 6/6, 6/7, 6/8 and 7/7 genotypes in African-Americans ( $P = 0.033$ , JT test) (~~FIG. 2e~~) (**FIG. 2**). When samples with Asian ( $n = 1$ ), other ( $n = 2$ ) and unknown ( $n = 10$ ) ethnic background were pooled together, no significant trend could be found across  $(TA)_n$  genotypes ( $P > 0.1$ , JT test) (~~FIG. 2d~~) (**FIG. 2**). In the Caucasian sample, pairwise comparisons of the phenotype between two genotype groups showed significant differences between the 6/7 and 7/7 ( $P = 0.007$ , one-sided exact Wilcoxon test) and 6/6 and 7/7 groups ( $P = 0.0002$ ). No pair-wise comparison was significant within African-Americans, probably due to small number of samples of each genotype.